L-rhamnose, TMS diethyldithioacetal derivative

Inchi: InChI=1S/C22H54O4S2Si4/c1-16-27-22(28-17-2)21(26-32(13,14)15)20(25-31(10,11)12)1

InchiKey: FDQKJJZYIDIVAO-CGXNFDGLSA-N

Formula: C22H54O4S2Si4

SMILES: CCSC(SCC)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C)O[Si](C)(C)C

Mol. weight [g/mol]: 559.13

Physical Properties

Property code	Value	Unit	Source
log10ws	1.59		Crippen Method
logp	7.719		Crippen Method
rinpol	2193.00		NIST Webbook
rinpol	2193.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R502884&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices